NYISO Business Issues Committee Meeting Minutes June 23, 2021 10:00 a.m. – 10:20 a.m.

1. Introductions, Meeting Objectives, and Chairman's Report

Mr. Matt Schwall (Eastern Generation) served as chair due to the fact that Mr. John Marczewski (East Coast Power) was unable to attend the meeting. Mr. Schwall called the meeting to order at 10:00 a.m. The members of the BIC identified themselves and attendance was recorded. A quorum was determined.

2. Draft May 10, 2021 BIC Minutes

There were no questions or comments regarding the draft minutes from the May 10, 2021 BIC meeting included as part of the meeting material.

Motion #1:

Motion to approve the May 10, 2021 BIC meeting minutes.

Motion passed unanimously.

3. BIC Vice Chair Election

Mr. John Cordi (NYPA) was elected to serve as the BIC Vice Chair the upcoming 2021-2022 term. Mr. Cordi will also serve as BIC Vice Chair for the remainder of the 2020-2021 term.

4. Market Operations Report

Mr. Rana Mukerji (NYISO) reviewed the market operations report included with the meeting material. There were no questions or comments.

5. Metering and Meter Data Services Requirements for Demand Side Resources

Ms. Alexis Hormovitis (NYISO) reviewed the presentation included with the meeting material.

Mr. Scott Leuthauser (HQUS) recommended the NYISO consider revising the draft tariff language to refer to where a Demand Side Resource is electrically located rather than the resource's physical location. Ms. Hormovitis (NYISO) and Greg Campbell (NYISO) stated that the NYISO agreed with the recommended clarification and would update the proposed language to be presented for approval at the Management Committee to incorporate the suggested revision to refer to a Demand Side Resource's electrical location rather than its physical location.

Motion #2:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee ("MC") approve revisions to the NYISO's Market Administration and Control Area Services Tariff as described in the presentation titled "Updates to Metering and Meter Data Services Requirements for Demand Side Resources" made to the BIC on June 23, 2021.

Motion passed unanimously with abstentions.

6. Working Group Updates

- <u>Billing and Accounting and Credit Working Group</u>: The group met on May 21, 2021 and reviewed the standard accounting/settlement reports.
- <u>Electric System Planning Working Group</u>: The group has met three times since the last BIC meeting. The group met on May 20, 2021 and reviewed: (1) a presentation by PSEG Long Island regarding updates to the performance requirements applicable to non-synchronous resources seeking to interconnect on Long Island; (2) an overview of the benchmarking analysis conducted in preparation for the 2021 System & Resource Outlook study as part of the Economic Planning Process; (3) proposed scenarios to be included as part of the

Comprehensive Reliability Plan for the 2020-2021 Reliability Planning Process; (4) an update regarding the NYISO's baseline assessment for the Public Policy Transmission Needs related to facilitating the delivery of power from offshore wind facilities; and (5) an overview of considerations for developing a proposal to clarify and implement the federal right of first refusal rights of transmission owners within the context of the Public Policy Planning Process. On June 1, 2021, the group met and reviewed: (1) an update regarding the NYISO's baseline assessment for the Public Policy Transmission Needs related to facilitating the delivery of power from offshore wind facilities; and (2) an overview of the upcoming 2021 System & Resource Outlook study conducted as part of the Economic Planning Process. The group also met on June 22, 2021 and reviewed: (1) an update regarding the NYISO's baseline assessment for the Public Policy Transmission Needs related to facilitating the delivery of power from offshore wind facilities; (2) proposed revisions to the Economic Planning Process Manual to address the recent enhancements to the Economic Planning Process; and (3) a proposal to clarify and implement the federal right of first refusal rights of transmission owners within the context of the Public Policy Planning Process.

- Installed Capacity Working Group: The group has met jointly with PRLWG, MIWG, and/or LFTF four times since the last BIC meeting. On May 19, 2021, the group met and reviewed an overview of the current manner for considering transmission security limits as part of the Installed Capacity market. The group met on June 3, 2021 and reviewed: (1) considerations for potential changes to the peak load hours utilized in allocating capacity requirements among Load Serving Entities; (2) an initial draft of the 2021 Master Plan outlining a strategic vision for market design initiatives over the next five years; and (3) an overview of considerations regarding potential reforms to the buyer-side Installed Capacity market mitigation rules. On June 9, 2021, the group met and reviewed: (1) a proposal to clarify that the NYISO will accept meter data for Demand Side Resources from municipal electric utilities; and (2) a presentation by the Market Monitoring Unit (MMU) regarding its 2020 State of the Market report, focusing on considerations related to public policy requirements. The group also met on June 17, 2021, and reviewed: (1) an overview of the NYISO's approach for compliance with FERC Order No. 2222 related to the participation of distributed energy resource aggregations in the wholesale markets; and (2) a presentation by the MMU regarding its 2020 State of the Market report, focusing on considerations related to the capacity market.
- Load Forecasting Task Force: The group has met three times since the last BIC meeting, including a joint meeting with ICAPWG. The group met on May 24, 2021 and reviewed: (1) an overview of the scope of Phase 2 of the ongoing study assessing load forecast uncertainty modeling; (2) an analysis of historical load duration curves for the period from 2002 through 2020; and (3) considerations related to the load forecast uncertainty models to be developed for use in conducting the installed reserve margin study for the 2022/2023 Capability Year. On June 3, 2021, the group met and reviewed considerations for potential changes to the peak load hours utilized in allocating capacity requirements among Load Serving Entities. On June 18, 2021, the group held its annual Spring Economic Conference reviewing national and New York economic outlook reports by Moody's Analytics. At the June 18, 2021 meeting, the group also reviewed: (1) a presentation by Itron regarding considerations for load forecasting of commercial sector load; and (2) the impacts of the ongoing COVID-19 pandemic on load patterns and energy consumption.
- Market Issues Working Group: The group has met five times since the last BIC meeting, including joint meetings with ICAPWG and PRLWG. On May 19, 2021, the group met and reviewed: (1) energy and ancillary services market requirements for the development of a participation model for aggregations of hybrid storage resources; (2) an overview of the results of the study to evaluate the provision of grid reliability services by renewable generation resources; and (3) considerations related to proposed enhancements to the current transmission constraint pricing logic. The group met on May 25, 2021 and reviewed considerations for implementing time-differentiated Transmission Congestion Contract (TCC) product offerings in NYISO-administered TCC auctions. On June 3, 2021, the group met and reviewed: (1) an initial draft of the 2021 Master Plan outlining a strategic vision for market design initiatives over the next five years; and (2) the proposed methodology for conducting a consumer impact analysis related to the results of the study to evaluate the provision of grid reliability services by renewable generation resources. The group met on June 9, 2021 and reviewed: (1) a proposal to clarify that the NYISO will accept meter data for Demand Side Resources from municipal electric utilities; and (2) a presentation by the MMU regarding its 2020 State of the Market report, focusing on considerations related to public policy requirements. The group also met on June 17, 2021 and reviewed: (1) considerations for implementing time-differentiated TCC product offerings in NYISO-administered TCC auctions; (2) an overview of

the NYISO's approach for compliance with FERC Order No. 2222 related to the participation of distributed energy resource aggregations in the wholesale markets; and (3) proposed enhancements to the current transmission constraint pricing logic.

• <u>Price Responsive Load Working Group</u>: The group has met jointly with ICAPWG and MIWG four times since the last BIC meeting (i.e., May 19, 2021, June 3, 2021, June 9, 2021, and June 17, 2021). At each meeting, the group reviewed the agenda topics related to distributed energy resources, energy storage resources and/or the NYISO-administered demand response programs.

7. New Business

There was no new business.

The meeting adjourned at 10:20 a.m.

Business Issues Committee June 23, 2021 Final Motions

Motion #1:

Motion to approve the May 10, 2021 BIC meeting Minutes.

Motion passed unanimously.

Motion #2:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee ("MC") approve revisions to the NYISO's Market Administration and Control Area Services Tariff as described in the presentation titled "Updates to Metering and Meter Data Services Requirements for Demand Side Resources" made to the BIC on June 23, 2021.

Motion passed unanimously with abstentions.

*John Cordi (NYPA) was elected Vice Chair for the term of June 2021 – November 2022.

New York Independent System Operator - Committee Membership

Business Issues Committee - June 23, 2021 - WebEx - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
storia Energy LLC	Generation Owners	McCall, Chuck	Browne, Scott	Habib , Phillipe	Singer, Leonard						
ayonne Energy Center, LLC	Generation Owners	Allman, Ellen	✓ Fromer , Howard	,	, , , , , , , , , ,						
orrego Solar Systems, Inc.	Generation Owners	Delaney , Liz	Conway , Michael	Cox-Arslan , Kathryn	Brigandi, Michael						
PV Valley LLC	Generation Owners	Jerke , Dan	Rumsey , Tom	Litchfield, Matt	Briganar , menaer						
lpine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer , Steve	Schwall , Matthew					
ovanta Niagara, LP	Generation Owners	Burke , David	Abbott , Sharon	Trainerren, voim	gemenner, steve	genwan , mannew					
ricket Valley Energy Center	Generation Owners	Davis , Charles	Wallenstein , Arnold	Paryl , Ron							
ypress Creek Renewables	Generation Owners	Kemp, Melissa	Silliman , Keith	Scavo , Marisa							
anskammer Energy, LLC	Generation Owners	Reid , William	Cada , Eric	Seave , Marion							
DP Renewables North America LLC	Generation Owners	Brodbeck, John	Loturco, Thomas	High , Jeremy	Priemer , Dustin	Zhang , Kathy					•
ast Coast Power, LLC	Generation Owners	McEachern, Ben	Marczewski, John	Franzetti , Paul	O'Brien , John	Schwall , Matthew	Moore, Kyle				
Empire Generating Co, LLC	Generation Owners	Morris , Chandler	Maida, Jeff	Hudson, Daniel			,,,				
Entergy Nuclear Northeast	Generation Owners	Dell Orto , Ken	Saia, Doreen	Bergeron , John							
enOn Bowline, LLC	Generation Owners	✓ Younger, Mark	Rutz , Shaun	Sacks, Jon	Freysinger, Dave						
didePath Power Solutions LLC	Generation Owners	McKissack, Chris	Baur , Sean	Vickery , Chris	Labij , Denis	Braun , Gary					
elix Ravenswood LLC	Generation Owners	D'Andrea , James	Kline, Marc	DiBari , Dominic	Galarneau, Kenneth	Diauii, Gary					
oward Wind LLC	Generation Owners	Smith , David	Brocks , Annette	Rohrbach, John	Gararicau , Keinietii						•
ndeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	✓ Younger, Mark	Rombach , John							
novative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
venergy Energy Management LLC	Generation Owners Generation Owners	Bangston , Kaley	Goldstein , Michael	Orzel , Chris							
ey Capture Energy	Generation Owners	Goldwasser, Rachel	Musher , Daniel	Fitzgerald , Dan							
EY Capture Energy IPH Rockaway Peakers, LLC	Generation Owners	Preedy , James	Telford , Kevin	Mann, Michael							
ational Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian	manni , mininaci							†
orth East Offshore, LLC	Generation Owners	Reynolds , Melissa	Wiccase, Brian								
elkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy									
alcour Wind Energy LLC	Generation Owners	Sherman , Chris	Dowd, Robert	Vincent, Martin							
J Energy LLC	Other Suppliers	Ni, Bing	Lee, George	,							
P Energy Company	Other Suppliers	Ellis , Dean	Chintapalli , Raj	✓ Ackerman, Alan							
rookfield Energy Marketing L.P.	Other Suppliers	LaRoe , Chris	Talamo , Marco	Dziedzic , Tomasz	Madonna, Phil						
COI Energy Services, Inc.	Other Suppliers	Berrien , SaLisa	Rabinowitz , Jake	,,							
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss, Gordon	Romine , Brad	Emmett, Robert							
itigroup Energy Inc.	Other Suppliers	Gollomp , Jeffrey	Bisaria , Shikher	,							
onsolidated Edison Energy, Inc.	Other Suppliers	✓Mah, Norman	Dannels , Jeff								
Constellation New Energy	Other Suppliers	Barlette , Richard	Kirk , Steven								
cross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
C Energy	Other Suppliers	Bleiweis, Bruce	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	✓ Feng, Fan					
OTE Energy	Other Suppliers	German, Robert	Pakela, Gregory	,	,,,,,,,,,,,,						
Direct Energy Business Marketing, LLC	Other Suppliers	Newton . Jonathan	Carrier, Ron	Morris , Sandra							•
Dynegy Marketing and Trade	Other Suppliers	Weinstein , Andrew	Allen , Sean	, sandra							
NEL X	Other Suppliers	Macrae , Michael	Geller, Greg								
NGIE Energy Marketing NA, Inc.	Other Suppliers	Bresolin, Sarah	Levine , Jeffrey	Hawkins , Darin							
astern Generation	Other Suppliers	Baker, Liam	Reese, John	✓Younger, Mark	Schwall , Matthew	Johnson , David	Wolcott, Tyler				
nergy Spectrum	Other Suppliers	David, Gary	✓ Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas, Cristina	Cinadr, Matt		
nergy Technology Savings Inc. d/b/a Logical	Other Suppliers							· ····ogas , Oristina	,		1
uildings	Sales Suppliers	Hendler , Jeff	Ross , Valerie								
xelon Generating Co. LLC	Other Suppliers	Barlette, Richard	Kirk , Steven								
alt Power	Other Suppliers	Fernands, Rochelle	√ Ackerman, Alan								
Q Energy Services US	Other Suppliers	Plante, Matthieu	Leuthauser, Scott	Guilbault, Louis	Bélanger, Frédéric						
noventive Power	Other Suppliers	Gruber , Craig	Halford, Steve								
ercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	✓Younger, Mark	Frye , Samuel							
organ Stanley Capital Group, Inc.	Other Suppliers	Kochonies, Karen	Meditz , Alex	Grimes , Jordan							
RG Power Marketing Inc.	Other Suppliers	Fitch, Neal	✓ Popova , Julia	Hsia , Jennifer	Cona , Lisa	Kranz , Bradley					
ew York Transco	Other Suppliers	Mullin , Victor	Caso , Rob	Carrigan , Kathleen	Haering , Paul						
extEra Energy	Other Suppliers	Gardner, Michelle	✓ Dietrich , Cheryl	Hollis , Gabriel	✓ Applebaum, David						
ntario Power Generation, Inc.	Other Suppliers	Lauritsen , Kim	,,,	, , , , , , , , , , , , , , , , , , , ,							
SEG Energy Resource & Trade, LLC	Other Suppliers	Stallings , Eric	DePillo , Raymond	Cimino , David	Dillon , George						
verbay Corporation	Other Suppliers	Merola , Peter	Ellison , Noel	,,	,						
odan Energy Solutions (USA) Inc.	Other Suppliers	Breidenbaugh , Aaron	Ingram , Rachel								
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt									
Stephentown Spindle, LLC	Other Suppliers	Streeter , Christopher									
Talen Energy	Other Suppliers	Toomey, Megan	Hohenshilt , Jennifer	Labella, Julie	Raggio, Debra						
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen									
Vitol Inc.	Other Suppliers	Wadsworth, Joe	Conn , Averill	Kahn, Casey							
XO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson , Matthew	Hughes , Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	May , Jeff	Chan, Ting	Jolly , James	Delmar , Valerie						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Hargett , Chris	Lazarus , Dana	Kiselev , Dimitry	Quin, Jane	Butterklee, Neil	LoFrumento , Susan				
National Grid	Transmission Owners	Janzen , Margaret	Lodemore , David	Wilkie, Brian							
New York State Electric & Gas (NYSEG)	Transmission Owners	✓ Caletka, Patricia	Brophy , Richard	Lynch, Tim							
Orange & Rockland Utilities, Inc.	Transmission Owners										
Rochester Gas and Electric Corp.	Transmission Owners	✓ Caletka, Patricia	Brophy, Richard	Lynch, Tim							
Alcoa, Inc.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Lang, Kevin						
IBM Corporation	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey, Amanda	Lang, Kevin						
Nucor Steel Auburn, Inc.	Large Consumer	✓Brew , James	Mackaronis , Chris	Baker, Laura	Briscar, Joseph						
Occidental Chemical Corp.	Large Consumer	✓ Mager, Michael	Loughney, Robert	Trinsey, Amanda	Lang, Kevin						
Wegmans Food Markets	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Lang, Kevin						
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller , David	Chou, Frances								
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda						
Fordham University	Small Consumer	Luthin, Catherine	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda						
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda						
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Lang, Kevin	✓ Mager, Michael	Trinsey , Amanda						
New York University	Small Consumer	Luthin, Catherine	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda						
Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Government Statewide Consumer Advocate	Hogan , Erin	Montalvo , Marc	Nyarko , Justice							
City of New York	Government Small Consumer and Retail Aggregate	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda							
NYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	Hall , Christopher	Matteson , Schuyler	Zielinski , Andrew	Mas , Carl	Coup, David					
Long Island Power Authority	State Power Authorities	Clarke, Dave	✓ Wilczek , Mariann								
New York Power Authority	State Power Authorities	Antinori , Andrew	Michaels , Alan	✓Cordi , John	✓Kane, James	Mahoney, Daniel					
Bath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci, Erin	✓ Wentlent, Chris	Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Livingston , Al	✓ Rudebusch, Tom	Fiore, Chris							
Jamestown Board of Public Utilities	Municipalities and Coops	Sellstrom , Kris	Leathers, David	Allen , Cory	Rudebusch, Tom						
Lake Placid Village	Municipalities and Coops	Daby , Kimball	✓ Wentlent, Chris	Cordeiro, Mark							
Municipal Commission of Boonville	Municipalities and Coops	Varner, Doug	✓ Wentlent, Chris	Cordeiro, Mark							
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	✓ Wentlent, Chris	Cordeiro, Mark							
Village of Arcade	Municipalities and Coops	Kilburn, Larry	✓ Wentlent, Chris	Cordeiro, Mark							
Village of Fairport	Municipalities and Coops	Hegarty , Matt	✓ Wentlent, Chris	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Andreas , Philip	Valenzano, Michael	✓ Rudebusch, Tom							
Village of Solvay	Municipalities and Coops	Hawksby , Joe	✓ Wentlent, Chris	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Thompson , Andrew	Wentlent, Chris	Cordeiro, Mark							
American Wind Energy Association	Environmental	Reynolds , Anne	Reeder, Mark	Fink , Sari	Tabak , Gabe	Grace, Gene					
Environmental Advocates	Environmental	Bambrick, Conor	Morris, Jackson	ı iik , Saii	1 avak , Gave	Grace, Geric					
Environmental Defense Fund	Environmental	Peress J., Naim	Stein , Elizabeth	Karas , Natalie	Murphy , Erin						
Natural Resources Defense Council	Environmental	Casey , Christopher	Howe , Cullen	Morris, Jackson	De Costanzo , Donna						
New York City Environmental Justice Alliance	Environmental	Garcia , Carlos	Bautista , Eddie	.,	, , , , , , , , , , , , , , , , , , , ,						
PACE Energy & Climate Center	Environmental	Hart , Craig	Valova, Radina	Howe, Cullen							
Riverkeeper	Environmental	Webster, Richard	Morris, Jackson								
AES ES Holdings LLC	Non Voting	Hillman , Sharon	Kumaraswarmy , Kiran								
Able Grid Energy Solutions, Inc.	Non Voting	Lines , Sam	Mills , Sara								
Acadia Center	Non Voting	Donovan, Deborah									
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne	Reeder , Mark	Addepalli , Raj	Rabin , Kyle	ļ					
Anbaric Development Partners, LLC	Non Voting	Kosel , Howard	Sanderson , Bryan	Knobloch , Kevin	Bruno , Clarke						
Appian Way Energy Partners East, LLC	Non Voting	Levy, Tal	Klein , Abram	Shen , Dong	Westlund , John	Laich , Marcus					
Ardor Energy LLC	Non Voting	Breen , Erika	Colvolot: A J-								
Avangrid Renewables, Inc. Bakerstand Solar, LLC	Non Voting	Kilgallen , Kevin	Sokolski , Adam								
	Non Voting	Caplan , Michael Kramek , Mike									
Boston Energy Marketing & Trading	Non Voting		Marron C1-								
Bruce Power	Non Voting	Jain , Anshul	Meyer , Sandra	Damestras Dere-	Commball D.						
CPower Caithness Energy LLC	Non Voting Non Voting	Dotson-Westphalen , Peter Keevill , Gary	Hourihan , Michael Alvarez , Asavari	Damaskos , Deno Garber, Mitchell	Campbell , Bruce						
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Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Cubit Power One Inc.	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard						v	
Customized Energy Solutions	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓ Ackerman, Alan						
Energya VM	Non Voting	Garcia , Francisco	Maeso, Manual	Lopez, Ana	Corvillo , Cristina						
Fluent Energy	Non Voting	Acampora , Peter	Doll, Ed								
GI Energy	Non Voting	Falcier, Peter	Robinson, James								
Hudson River Energy Group	Non Voting	Radigan, Frank	Canfield, Richard								
Hydro-Quebec TransEnergie	Non Voting	Prevost , Michel									
TC Mid-Atlantic Development LLC	Non Voting	Wrenbeck, Tom	Benedict, Nathan								
nstitute for Policy Integrity at NYU School of Law	Non Voting	Unel, Burcin	Gundlach, Justin	Ladin , Sarah							
S Power Grid NY	Non Voting	Willick, Lawrence	York , Joshua	Carroll , Casey	Hayes , Patrick						
Lockport Energy Assoc.	Non Voting	Gesicki, Thomas	Youngberg, Mary								
Lyonsdale Biomass, LLC	Non Voting	Ralston, William	Hebel, Nathan	Carrigan , Kathleen							
MAG Energy Solutions, Inc.	Non Voting	Pelletier, Simon	Vezina, Alexandre								
Marathon Energy	Non Voting	Nichols , Jim	Yeager, Keith								
NRG Curtailment Solutions, Inc.	Non Voting	✓ Popova , Julia	Ainspan, Malcolm	Pieniazek, Marie							
NY-BEST Consortium	Non Voting	Acker, William	Sheehan, Denise								
NYS Department of Public Service	Non Voting	Paynter , Thomas	✓Evans, Adam								
National Fuel Gas Distribution Corporation	Non Voting	Stankovski, Maryann	Eck, Robert								
New Athens Generating Co. LLC	Non Voting	Tripp, Hank									
Northeast Clean Heat & Power Initiative	Non Voting	Melpignano, Kristin	Brown, Ruben	Cinadr , Matt	Dwyer, Herb	Lillian, Jon					
NuEnergen	Non Voting	Hamilton , Sandy	Korczykowski, Ryan								
Plus Power, LLC	Non Voting	Fraenkel, Alex									
RENEW Northeast	Non Voting	Pullaro , Francis	Krich, Abigail								
Richard P. Felak	Non Voting	Felak, Rich									
Saracen Energy East LP	Non Voting	Peebles , Andy	Miller, Jason								
Savion, LLC	Non Voting	Doering, Anthony	Sunderman , Derek								
Siemens Energy, Inc.	Non Voting	Feltes , James									
Caylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
eichos Energy, LLC	Non Voting	Maclearnsberry, Kirk	VanCoevering , Darrel								
esla, Inc.	Non Voting	Van Cleve , Sarah	Gilfenbaum , Eliah								
ransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis, Ted	✓ Abend , Erik								
ransmission Developers Inc.	Non Voting	Jessome , Donald	Helmer, William	Harrison, Bob	Coxe, Raymond						
ransource New York, LLC	Non Voting	Rupert , David	Cundiff, Robert								
Wheelabrator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti, Jim								
Villiam P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					